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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Shi-You Ding et al.)
Serial No.: 09/917,376) Group Art Unit: 1652
Filed: July 28, 2001)
Titled: Thermal Tolerant Avicellase from) Examiner: Sheridan Swope
Acidothermus cellulolyticus)
Atty. Dkt. No.: NREL IR# 01-36)

ASSOCIATE POWER OF ATTORNEY

Honorable Assistant
Commissioner for Patents
Washington, DC 20231

Dear Sir:

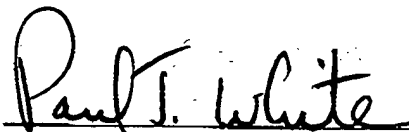
In the matter of the above-identified application, the undersigned, Paul J. White, principal attorney for the National Renewable Energy Laboratory (NREL), which is a U.S. Department of Energy laboratory, operated and managed under Contract No. DE-AC36-99GO10337 by the NREL Division of the Midwest Research Institute, hereby appoints Dan Cleveland, Jr., Reg. No. 36,106 as a patent attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therein.

Associate Power of Attorney
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All correspondence regarding this application should be forwarded to the undersigned at the following address:

Paul J. White
Senior Patent Counsel
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Respectfully submitted,

A handwritten signature in black ink, reading "Paul J. White", written over a horizontal line.

Dated: December 20, 2002.

Paul J. White
Registration No. 30,436
Attorney for Applicant